

WS FORM F-6										STATION MOUNT WASHINGTON OBSERVATORY								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA										MONTH MAY			YEAR 2019					
LATITUDE 44 DEGREES 16 MINUTES NORTH					LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION (H) 6280 FT			STANDARD TIME EASTERN					
TEMPERATURE (°F)						DEGREE DAYS			PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER OCCUR.
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS			
												SPEED	DIR					
1	37	19	28	30	-2	37	0	0.28	0.1	2	24.9	66	240 (SW)	135	16	10	126	
2	37	34	36	30	6	29	0	0.42	0.0	2	36.9	67	250 (W)	0	0	10	12	
3	42	34	38	31	7	27	0	0.53	0.0	T	35.9	65	240 (SW)	50	6	10	12	
4	41	33	37	31	6	28	0	0.17	0.0	0	22.0	38	290 (W)	117	13	10	12	
5	44	32	38	32	6	27	0	0.00	0.0	0	9.5	27	290 (W)	305	35	7	12	
6	45	32	39	32	7	26	0	0.00	0.0	0	12.2	52	250 (W)	856	97	4	1	
7	39	26	33	32	1	32	0	0.54	0.0	0	40.0	66	270 (W)	10	1	10	126	
8	27	18	23	33	-10	42	0	0.00	0.0	0	38.3	65	330 (NW)	653	74	5	126	
9	42	20	31	33	-2	34	0	0.04	0.0	0	18.6	44	190 (S)	671	76	5	126	
10	44	27	36	34	2	29	0	0.85	0.0	0	50.1	88	220 (SW)	0	0	10	126	
11	32	18	25	34	-9	40	0	0.10	0.0	0	53.6	84	300 (NW)	0	0	10	126	
12	31	17	24	34	-10	41	0	0.00	0.0	0	20.5	47	330 (NW)	153	17	10		
13	28	19	24	35	-11	41	0	0.07	0.9	0	34.6	67	100 (E)	120	13	9	1269	
14	28	17	23	35	-12	42	0	0.20	2.0	2	19.1	57	100 (E)	20	2	10	1269	
15	26	20	23	35	-12	42	0	0.05	0.4	2	32.1	67	330 (NW)	0	0	10	1269	
16	32	25	29	36	-7	36	0	0.03	0.4	2	22.8	40	310 (NW)	17	2	10	126	
17	40	28	34	36	-2	31	0	0.22	0.5	2	37.0	81	300 (NW)	5	1	10	126	
18	34	26	30	36	-6	35	0	0.06	0.5	1	38.5	74	300 (NW)	65	7	10	1246	
19	51	34	43	37	6	22	0	0.60	0.0	T	34.2	66	250 (W)	31	3	10	12	
20	51	33	42	37	5	23	0	0.57	0.0	0	47.7	82	250 (W)	0	0	10	12	
21	34	23	29	37	-8	36	0	0.57	1.9	T	72.5	135	330 (NW)	0	0	10	12469	
22	34	21	28	38	-10	37	0	0.00	0.0	1	36.2	115	320(NW)	838	92	8	1269	
23				38			0											
24				38			0											
25				39			0											
26				39			0											
27				39			0											
28				40			0											
29				40			0											
30				40			0											
31				41			0											
SUM	819	556	---	---	---	737	0	5.30	6.7	---	737.2	---	---	4046	---	198	---	
AVG	37.2	25.3	---	---	---	---	---	---	---	---	33.5	FASTEST	DIR	POSS	%		---	
											MISC. ->	135		27878	15%	9.0	---	

  

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	31.3	TOTAL FOR THE MONTH	5.30	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-4.2	DEPARTURE FROM NORMAL	-2.88	CLEAR (SCALE 0-3)	0	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS	
HIGHEST	51	24 HOUR MAX		PARTLY CLOUDY (SCALE 4-7)	4	3 = THUNDER	
LOWEST	17	SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	18	4 = ICE PELLETS	
NUMBER OF DAYS WITH:		TOTAL FOR THE MONTH	6.7	WITH .01" OR MORE PRECIP	17	5 = HAIL	
MAX. 32 OR BELOW	7	24 HOUR MAX		WITH .10" OR MORE PRECIP	12	6 = GLAZE OR RIME	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND		WITH .50" OR MORE PRECIP	6	7 = BLOWING DUST OR SAND	
MIN. 32 OR BELOW	17	PRESSURE DATA (IN.)		WITH 1.0" OR MORE PRECIP	0	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	HIGHEST SEA-LEVEL				9 = BLOWING SNOW	
HEATING DEGREE DAYS (BASE 65°F)		LOWEST SEA-LEVEL				X = TORNADO	
TOTAL THIS MONTH	737	AVG STATION					
DEPARTURE FROM NORMAL	-176						
SEASON TOTAL							
DEPARTURE FROM NORMAL	-13109						
COOLING DEGREE DAYS (BASE 65F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

  

NOTES:				
1ST, 14TH: SNOWFALL ESTIMATED DUE TO MELTING PRIOR TO ONE COLLECTION				

  

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR					NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE HOURS OF PREVAILING WINDS FROM THE , % OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
				89	